**BOSCH**
*Invented for life*

# FMM-100SAT2CKEX Explosion-proof Fire Alarm Manual Station



▸ **Special hazard protection; NEMA 4X and marine ratings**

▸ **Gold-plated alarm contacts for corrosion resistance**

▸ **Key lock reset with optional break rod**

▸ **ADA compliant; UL Listed, FM Approved**

The FMM-100SAT2CKEX is a high-quality, die-cast metal fire alarm manual station that is UL and FM Listed for use in Class I, Division I, Groups B, C, and D; Class II, Division I, Groups E, F, and G; and Class III (FM Listed only) hazardous locations. It is also marine and NEMA 4X rated for use in harsh environments. It complies with Americans with Disabilities Act (ADA) requirements and meets ADA standards for wheelchair access when properly installed.

| Region | Certification | |
|---|---|---|
| USA | UL | UCCM: Boxes, Non-Coded, Marine, UHMV: Fire Alarm Devices for Use in Hazardous Locations (Signal Communications) |
| | FM | (Signal Communications) |
| | CSFM | 7151-1408: 112 |
| | NYC/MEA | 382-94-E, Vol. 5 |
| | NEMA | Complies with National Equipment Manufacturers Association NEMA 4X |
| | ADA | Complies with Americans with Disabilities Act |

## Functions

### Operation

When the bar on the front of the manual station is pulled, it latches open and is easily visible from 50 ft (15 m). Reset the activation bar by opening the manual station with the key and placing the activation bar in its normal upright position. An optional scored acrylic break rod is provided.

## Certifications and Approvals

Signal Communications Corp. holds these listings and approvals:

## Installation/Configuration Notes

### Compatibility Information

Compatible with all Bosch Security Systems, Inc. Fire Alarm Control Panels.

### Mounting Considerations

The FMM-100SAT2CKEX Explosion-proof Manual Station must be surface mounted on a flat wall. It has two conduit entries. Any conduit entry that is not used must be plugged.

To comply with ADA standards, the manual station must be less than 48 in. (1.2 m) above the floor for front wheelchair access and less than 54 in. (1.3 m) above the floor for side wheelchair access.

## Parts Included

| Quant. | Component |
|--------|-----------|
| 1 | Manual station with back box |
| 1 | D102 Key (1358 key) |
| 1 | Scored acrylic break rod |
| 1 | Hardware pack |
| 1 | Literature pack |

## Technical Specifications

### Environmental Considerations

| | |
|---|---|
| Protection Category: | IP66 |
| Relative Humidity: | 90% at +100°F (+38°C) |
| Temperature (operating): | -40°F to +150°F (-40°C to +66°C) |

### Mechanical Properties

| | |
|---|---|
| Color: | Red |
| Dimensions (H x W x D): | 6.3125 in. x 3.25 in. x 3.875 in. (16 cm x 8.3 cm x 9.8 cm) |
| Material: | Die-cast metal |
| Weight: | 4.8 lb (2.2 kg) |

### Outputs

| | |
|---|---|
| Alarm Contacts: | Two Form C contacts; each contain one normally-open (NO), one normally-closed (NC), and one common. Either the NO or the NC with the common can be wired to the terminal block. All contacts rated for 1 A at 30 VDC or 120 VAC |

## Ordering Information

| | |
|---|---|
| **FMM-100SAT2CKEX Explosion-proof Fire Alarm Manual Station**<br>High-quality, metal manual fire station in red | **FMM-100SAT2CKEX** |
| **Accessories** | |
| **D102 Replacement Key**<br>Replacement key (#1358) for the D101 lock. | **D102** |
| **FMM-100GR Scored Acrylic Break Rods**<br>Scored acrylic rods (12 per package) | **FMM-100GR** |